


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER NBU 922-31F2S		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT NATURAL BUTTES		
4. TYPE OF WELL Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>				5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES		
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.				7. OPERATOR PHONE 720 929-6587		
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217				9. OPERATOR E-MAIL mary.mondragon@anadarko.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML23607		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2626 FSL 1451 FWL	NESW	31	9.0 S	22.0 E	S
Top of Uppermost Producing Zone	1737 FNL 1258 FWL	SEnw	31	9.0 S	22.0 E	S
At Total Depth	1737 FNL 1258 FWL	SEnw	31	9.0 S	22.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 1258		23. NUMBER OF ACRES IN DRILLING UNIT 124		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 450		26. PROPOSED DEPTH MD: 9438 TVD: 9240		
27. ELEVATION - GROUND LEVEL 4841		28. BOND NUMBER		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496		

ATTACHMENTS**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Danielle Piernot	TITLE Regulatory Analyst
SIGNATURE	DATE 08/05/2009
PHONE 720 929-6156	EMAIL danielle.piernot@anadarko.com
API NUMBER ASSIGNED 43047504150000	APPROVAL  Permit Manager

N89°48'53"E - 2234.34' (Meas.)

N89°49'17"E - 2629.89' (Meas.)

Set Stone,
5/8" Rebar

**1977 Brass Cap
0.4' High, Pile of
Stones**

Brass Cap

LINE TABLE		
LINE	BEARING	LENGTH
L1	N11°51'26"W	931.33'

Bottom

Hole

00°05'56"E - 2569.88' (Meas.)

1977 Brass Cap
2.0' High, Pile
of Stones, Steel
Post

1451'

31

Brass Cap

$N00^{\circ}03'08''W - 2649.36'$ (Meas.)

$N00^{\circ}03'49''E - 2697.16'$ (Meas.)

$$\frac{T_{9S}}{T_{10S}}$$

Pile of Stones
N89°52'11"W

NBU #922-31F2S
Elev. Ungraded Ground = 4841'

True Corner

52.80' (G.L.O.)

75' (Meas.) W.C. N89°51'50"W - 2579.48

$N00^{\circ}01'20''E - 2644.45'$ (Meas.)

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

Δ = SECTION CORNERS RE-

ESTABLISHED. (Not Set on Ground)

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE =	39°59'41.92" (39.994978)	LATITUDE =	39°59'32.92" (39.992478)
LONGITUDE =	109°29'10.20" (109.486167)	LONGITUDE =	109°29'07.74" (109.485485)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE =	39°59'42.05" (39.995014)	LATITUDE =	39°59'33.05" (39.992514)
LONGITUDE =	109°29'07.73" (109.485481)	LONGITUDE =	109°29'05.27" (109.484797)

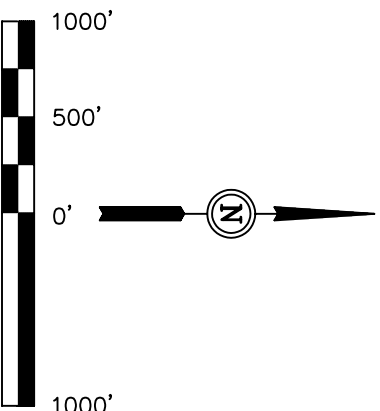
Well location, NBU #922-31F2S, located as shown in the NE 1/4 SW 1/4 of Section 31, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S1.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UNTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAIN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

OF UTAH

UNTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE	DATE SURVEYED:		DATE DRAWN:
1" = 1000'	11-19-08		12-05-08
PARTY	REFERENCES		
L.K. C.K. D.P.	G.L.O. PLAT		
WEATHER	FILE		
COOL	Kerr-McGee Oil & Gas Onshore LP		